



**Figure 8.** Schematic of the annual change in transport of SF<sub>6</sub> by the large-scale dynamics (not including convection) for (a) 2CO<sub>2</sub> and (b) 2CO<sub>2</sub>WT. Shaded region indicates the lowermost stratosphere (potential temperature less than 380 K, and potential vorticity greater than  $2 \times 10^{-5}$  K mbar<sup>-1</sup> s<sup>-1</sup> outside the tropics and above 100 mbar in the tropics). To illustrate the altered pathways of tracer transport, all vectors are of unit length except in the tropical troposphere where the exceptionally large changes are shown as exaggerated arrows. Separate log pressure scales are used above and below 100 mbar for presentation purposes.